**Objective**

**For your first screencast video, create and share a brief demo showing the instantation of an instance on both the Google Cloud Platform as well as on Amazon AWS. In addition, describe one application of AI that you would be interested in pursuing in the context of the GCP leveraging the technologies identified in this course.**

**Connecting to an AWS EC2 Instance – Mac OS X**

In the AWS EC2 Management Console (Fig. 1), click on “Instances” in the left menu (1) under EC2 Dashboard.

a. Click on the “Connect” button (2) to open the “Connect To Your Instance” window

b. You will copy and paste information from this window to your Mac Terminal window later

Next, open a Terminal window on your Mac and navigate using the cd (change directory)command to the folder containing the private key file (.pem) created during the EC2 configuration process. This is usually the Downloads folder, unless you moved the file to another folder.

$ cd ~/<path to pem\_folder>

$ ls -ltr

Change access permissions for the private key file (.pem)

a. At the Terminal prompt, type:

$ chmod 400 <filename.pem>

b. Or copy the command (arrow 1) from the “Connect To Your Instance” window and paste at the Terminal prompt

c. Press <Enter>

4. From the “Connect To Your Instance” window, copy the complete SSH command under Example:

a. This string includes your filename.pem, the username ubuntu, and the Public DNS of your EC2 instance

5. Paste the string at the Terminal prompt

a. Delete the double-quotes enclosing filename.pem

b. Press <Enter>

6. Type yes when prompted “Are you sure you want to continue connecting?”

a. Press <Enter>

b. A terminal window appears for your EC2 instance.

$ chmod 400 <filename.pem>